

**DETAILED ACTION**

1. Claims 10, 13-14, 22, and 28 Pending.  
Claims 1-9, 11-12, 15-21, and 23-27 Canceled.

***Continued Examination Under 37 CFR 1.114***

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after allowance or after an Office action under *Ex Parte Quayle*, 25 USPQ 74, 453 O.G. 213 (Comm'r Pat. 1935). Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, prosecution in this application has been reopened pursuant to 37 CFR 1.114. Applicant's submission filed on 07/12/2012 has been entered.

***Information Disclosure Statement***

3. The information disclosure statement (IDS) submitted on 70/12/2012 is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

***Allowable Subject Matter***

4. Claims 10, 13-14, 22, and 28 allowed.
5. The following is an examiner's statement of reasons for allowance:

Examiner notes that, in light of the decision by the BPAI dated 04/18/2012, the prior art of record was found to neither teach or suggest at least the limitation of “creating an index for the annotated data object by mapping the identified parameters to columns in an index table, as specified by the mapping functions of the selected mapping”. As an updated search has not brought further pertinent references to light and in view of the amendments made to the Claims herein, the Claims are found to be allowable over the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

***Points of Contact***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MICHAEL HICKS whose telephone number is (571)272-2670. The examiner can normally be reached on M-F 9:00a-5:30p.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Neveen Abel-Jalil can be reached at (571)272-4074. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Michael J Hicks/  
Primary Examiner  
Art Unit 2165  
Phone: (571)272-2670  
Fax: (571)272-2670